

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 39220/GM/cd	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/EP2004/007322	International filing date (day/month/year) 05/07/2004	(Earliest) Priority Date (day/month/year) 15/07/2003	
Applicant SELCO S.R.L.			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box II).

3. **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

PORTABLE WELDER GUN

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b. none of the figures is to be published with the abstract.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A portable welder (10), comprising a box-like body (11) that contains a welding generator (12) associated with cooling means (13), the welding generator (12) being functionally connected to an electrode (17a) supporting clamp (17), to a ground clamp (20) and to an electric power supply system. A handle (16) for gripping and orienting the welder (10) protrudes from the box-like body (11); the electrode supporting clamp (17) is rigidly coupled to the free end of the handle (16).

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B23K9/28 B23K9/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

-Electronic data-base consulted during the international search (name of data-base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 223 919 A (T F KELLER & SONS LIMITED) 18 April 1990 (1990-04-18)	1,2,4,5
Y	page 4, paragraph 5 – page 5, paragraph 1; figures	3,6-8
X	WO 91/15328 A (T F KELLER & SONS LIMITED) 17 October 1991 (1991-10-17)	1,2,4,5, 8
A	page 9, line 2 – page 13, line 6; figures 1,2,5	3,6,7
Y	US 2 424 437 A (W.R. DENT) 22 July 1947 (1947-07-22) figure 1	3
Y	US 6 074 296 A (C.-C. WU) 13 June 2000 (2000-06-13) abstract; figures	6
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
19 October 2004	26/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Jeggy, T

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International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 706 871 A (W.W. WITHEROW, DECEASED ET AL) 19 December 1972 (1972-12-19) column 2, line 50 – column 3, line 6; figure 2 -----	7,8
A	US 2 683 791 A (H.E. RUEHLEMANN ET AL) 13 July 1954 (1954-07-13) the whole document -----	1-8
A	US 4 694 140 A (W.M. WHEELER ET AL) 15 September 1987 (1987-09-15) the whole document -----	3,6

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Information on patent family members

International Application No

PCT/EP2004/007322

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
GB 2223919	A 18-04-1990	WC GB	9115328 A1 2257936 A	17-10-1991 27-01-1993
WO 9115328	A 17-10-1991	GB WO GB	2223919 A 9115328 A1 2257936 A	18-04-1990 17-10-1991 27-01-1993
US 2424437	A 22-07-1947	NONE		
US 6074296	A 13-06-2000	TW	407741 Y	01-10-2000
US 3706871	A 19-12-1972	NONE		
US 2683791	A 13-07-1954	NONE		
US 4694140	A 15-09-1987	CA JP JP JP	1268219 A1 1689004 C 3056843 B 62114804 A	24-04-1990 11-08-1992 29-08-1991 26-05-1987